

What is claimed is:

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1. A method of driving a display device, comprising the steps of:

frequency modulating a reference clock signal and obtaining a modulated clock signal;

sampling an image signal on the basis of the modulated clock signal; and

supplying the sampled image signal to a corresponding pixel and obtaining an image.

2. A method of driving a display device, comprising the steps of:

frequency modulating a reference clock signal and obtaining a modulated clock signal;

performing sampling and A/D conversion on an analog image signal on the basis of the modulated clock signal and obtaining a digital image signal;

after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of the reference clock signal and obtaining an improved analog image signal; and

supplying the improved analog image signal to a corresponding pixel and obtaining an image.

3. A method of driving a display device, comprising the steps of:

frequency modulating a reference clock signal and

obtaining a modulated clock signal;

performing sampling and A/D conversion on an analog image signal on the basis of the modulated clock signal and obtaining a digital image signal;

after performing digital signal processing on the digital image signal, performing D/A conversion on the digital image signal on the basis of the modulated clock signal and obtaining an improved analog image signal; and

supplying the improved analog image signal to a corresponding pixel and obtaining an image.

4. A method of driving a display device according to any one of claims 1 to 3, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal on the basis of a Gaussian histogram.

5. A method of driving a display device according to any one of claims 1 to 3, wherein the modulated clock signal is obtained by randomly shifting a frequency of the reference clock signal.

6. A method of driving a display device according to any one of claims 1 to 3, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a sine wave.

7. A method of driving a display device according to any one of claims 1 to 3, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal

in the form of a triangular wave.

8. A method of driving a display device according to any one of claims 1 to 3 wherein said display device is an active matrix type display device.

9. A method of driving a display device according to any one of claims 1 to 3 wherein said display device is a passive matrix type display device.

10. A method according to claim any one of claims 1 to 3 wherein said display device is a liquid crystal device.

11. A method according to any one of claims 1 to 3 wherein said display device is an electroluminescence display.

12. A display device comprising:

an active matrix circuit having a plurality of thin-film transistors arranged in a matrix form; and

a source signal line-side driving circuit and a gate signal line-side driving circuit for driving said active matrix circuit,

wherein a modulated clock signal obtained by frequency modulating a reference clock signal is inputted to said source signal line-side driving circuit, while a fixed clock signal is inputted to said gate signal line-side driving circuit.

13. A display device comprising:

an active matrix circuit having a plurality of thin-film transistors arranged in a matrix form; and

a source signal line-side driving circuit and a gate signal

line-side driving circuit for driving said active matrix circuit,

wherein a modulated clock signal obtained by frequency modulating a reference clock signal is inputted to said source signal line-side driving circuit, while a modulated clock signal which differs from said modulated clock signal in quantity of frequency shifting or method of frequency modulation is inputted to said gate signal line-side driving circuit.

14. A display device comprising a passive matrix circuit, wherein an image signal sampled on the basis of a modulated clock signal obtained by frequency modulating a reference clock signal is inputted to a signal electrode of said passive matrix circuit, and a fixed clock signal being inputted to a scanning electrode of said passive matrix circuit.

15. A display device comprising a passive matrix circuit, wherein an image signal sampled on the basis of a modulated clock signal obtained by frequency modulating a reference clock signal is inputted to a signal electrode of said passive matrix circuit, and a modulated clock signal which differs from said modulated clock signal in quantity of frequency shifting or method of frequency modulation is inputted to a scanning electrode of said passive matrix circuit.

16. A display device according to any one of claims 12 to 15, wherein the modulated clock signal is obtained by shifting

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a frequency of the reference clock signal on the basis of a Gaussian histogram.

17. A display device according to any one of claims 12 to 15, wherein the modulated clock signal is obtained by randomly shifting a frequency of the reference clock signal.

18. A display device according to any one of claims 12 to 15, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a sine wave.

19. A display device according to any one of claims 12 to 15, wherein the modulated clock signal is obtained by shifting a frequency of the reference clock signal in the form of a triangular wave.

20. A display device according to any one of claims 12 to 15 wherein said display device is a liquid crystal device.

21. A display device according to any one of claims 12 to 15 wherein said display device is an electroluminescence device.

22. A mobile telephone having a display device according to any one of claims 12 to 15.

23. A projector having a display device according to any one of claims 12 to 15.

24. A video camera having a display device according to any one of claims 12 to 15.

25. A mobile computer having a display device according

to any one of claims 12 to 15.

26. A head-mounted display having a display device according to any one of claims 12 to 15.

27. A personal computer having a display device according to any one of claims 12 to 15.

28. A player which uses a recording medium, having a display device according to any one of claims 12 to 15.

29. A digital camera having a display device according to any one of claims 12 to 15.

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